



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number

TO: Samuel W Liu
Location: 9d08 / 9b01
Saturday, October 18, 2003
Art Unit: 1653
Phone: 306-3483
Serial Number: 09 / 847061

From: Jan Delaval
Location: Biotech-Chem Library
CM1-1E07
Phone: 308-4498

jan.delaval@uspto.gov

Search Notes

4006
Biotech-Chem Library
308-4498
jan.delaval@uspto.gov

=> fil reg

FILE 'REGISTRY' ENTERED AT 18:02:02 ON 18 OCT 2003
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZINCVIEW database
 provided by InfoChem.

STRUCTURE FILE UPDATES: 16 OCT 2003 HIGHEST RN 606080-18-6
 DICTIONARY FILE UPDATES: 16 OCT 2003 HIGHEST RN 606080-18-6

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available for many
 PROPERTIES for more information. See STNNotes, Searching for
 in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes77.pdf>

=> d sta que 112

L7

STR

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          93 7 11 C 12 O 15 19 C
          1 C 3 O 8 C 16 C 20
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          30 45 47 48 51 61 N C 68
          31 O C 27 O 54 O 56 O 58 O 63 66 67 C 69 71
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REP G1=(0-1) C

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CONNECT IS M1 RC AT 94

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DEFAULT ECLEVEL IS LIMITED

ECOUNT IS E5 C E1 O AT 92

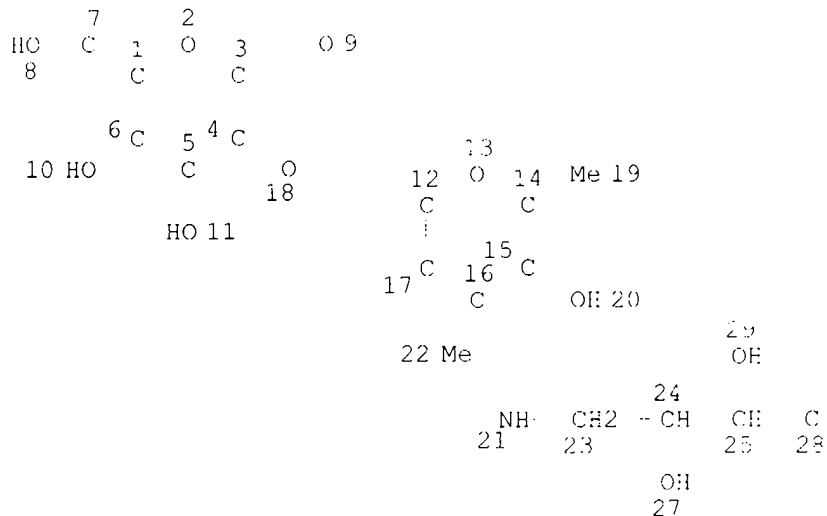
Branch
 American Chemical Society
 11 Dupont Circle NW
 Washington, DC 20036-4498
 (202) 851-4498

ECOUNT IS E5 C E1 O AT 94

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 83

STEREO ATTRIBUTES: NONE

L9 730 SEA FILE=REGISTRY CSS FUL L7
L10 STR



NODE ATTRIBUTES:
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DEFAULT ECILEVEL IS LIMITED

GRAPH ATTRIBUTES:
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NUMBER OF NODES IS 28

STEREO ATTRIBUTES: NONE

L12 3 SEA FILE=REGISTRY SUB=L9 CSS FUL L10

100.0% PROCESSED 5 ITERATIONS
SEARCH TIME: 00.00.01

* ANSWER

=> d his

(FILE 'HOME' ENTERED AT 17:30:34 ON 18 OCT 2003)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 17:30:50 ON 18 OCT 2003

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L3      2 S E5
L4      2 S I1-I3
      SEL RN
    
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FILE 'REGISTRY' ENTERED AT 17:32:00 ON 18 OCT 2003

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 L6 9 S L5 AND OC5/ES AND NR>=10
 L7 STR
 L8 36 S L7 CSS
 L9 730 S L7 CSS FUL
 SAV L9 LIU847/A
 L10 STR
 L11 0 S L10 CSS SAM SUB=L9
 L12 3 S L10 CSS FUL SUB=L9
 SAV L12 LIU847A/A
 L13 7 S L5 AND L9
 L14 2 S L6 NOT L13
 L15 3 S L13 NOT (C66H75CL2N9O24 OR C79H84CL3N9O24 OR C81H88CL3N9O26 O
 L16 3 S L12, L15

FILE 'HCAOLD' ENTERED AT 18:01:37 ON 18 OCT 2003

L17 0 S L16

FILE 'HCAPLUS' ENTERED AT 18:01:38 ON 18 OCT 2003

L18 1 S L16
 L19 1 S L18 AND L1-L4

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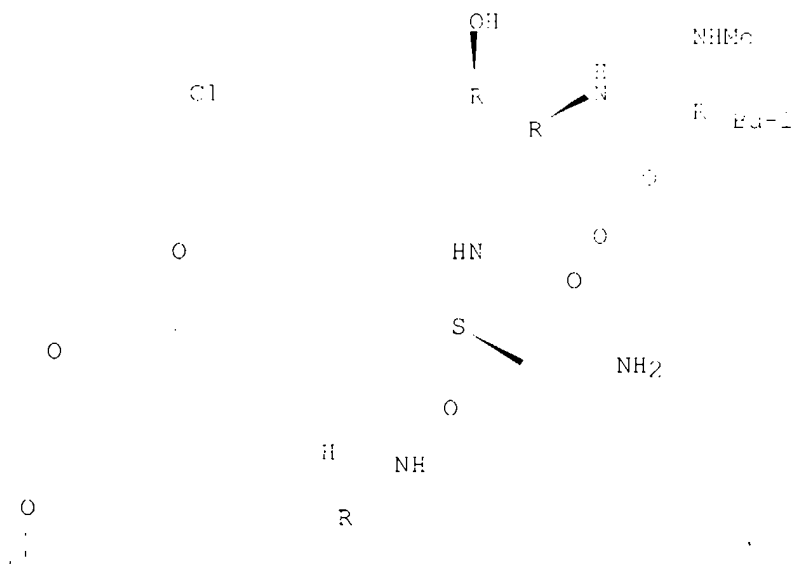
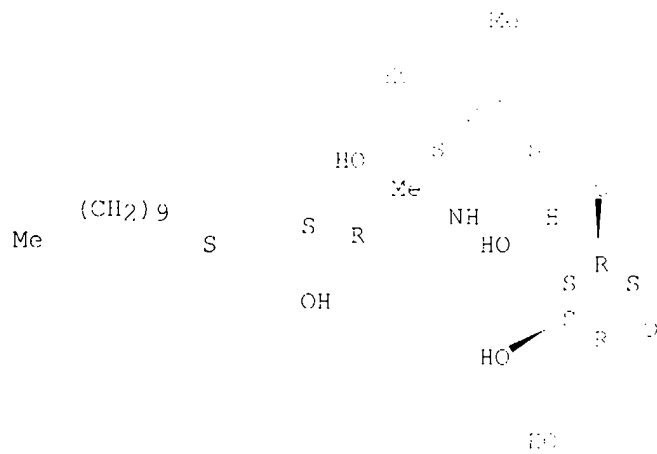
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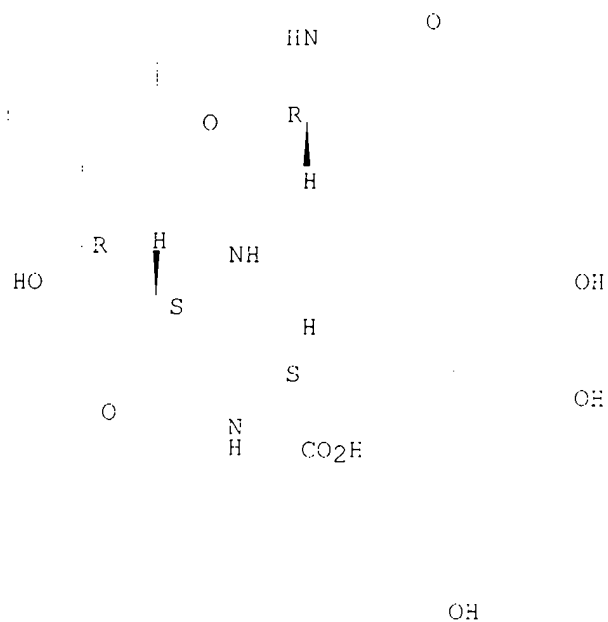
=> d ide can tot l16

L16 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **383172-95-0** REGISTRY
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 INDEX NAME)
 FS STEREOSEARCH
 MF C80 H103 Cl2 N9 O26 S
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



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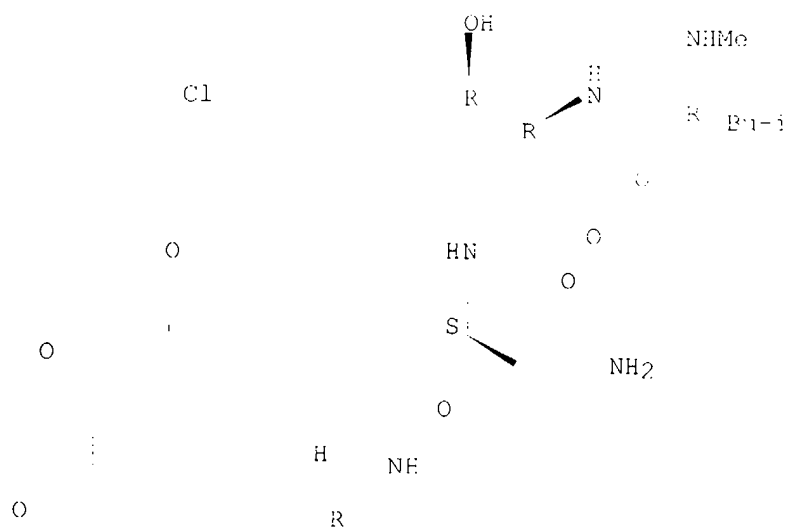
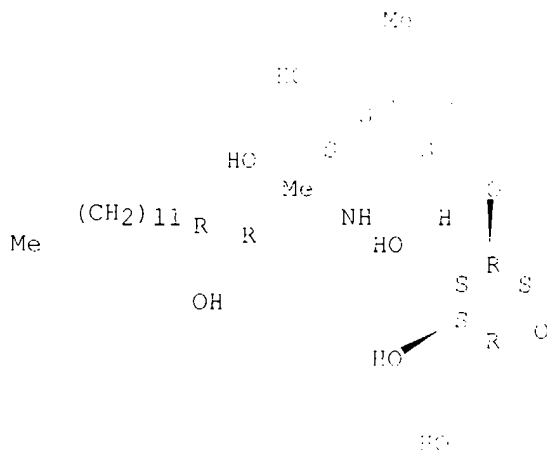
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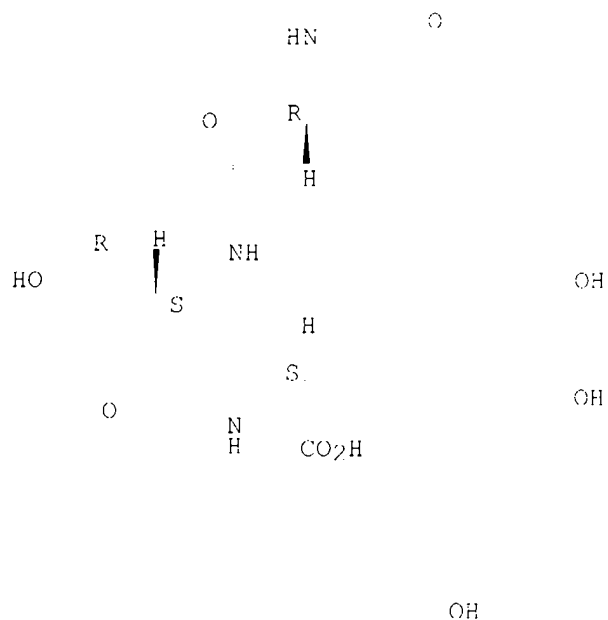
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:58854

L16 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **383172-94-9** REGISTRY
 CN Vancomycin, N3''-[(2R,3R)-2,3-dihydroxypentadecyl]- (9CT) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C81 H105 Cl2 N9 O26
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.





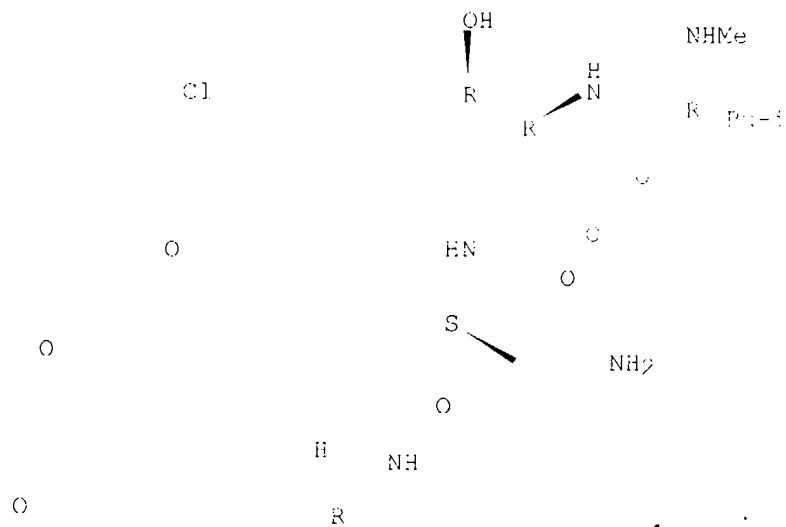
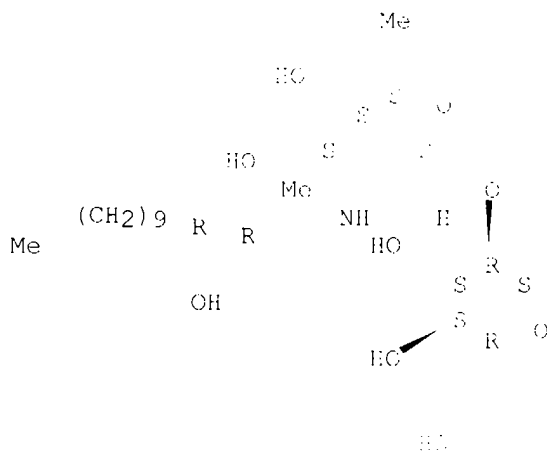
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:58854

L16 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN
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 CN Vancomycin, N3''-[(2R,3R)-2,3-dihydroxytridecyl]- (9C1) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C79 H101 Cl2 N9 O26
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



L19 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:935631 HCAPLUS
 DN 136:58854
 TI Polyhydroxy glycopeptide derivatives useful as antibacterial agents
 IN Yang, Guang; Schmidt, Donald E., Jr.; Judice, J. Kevin
 PA Advanced Medicine, Inc., USA
 SO PCT Int. Appl., 70 pp.
 CODEN: P1XXD2
 DT Patent
 LA English
 IC ICM C07K009-00
 TCS A61K038-14; A61P031-04
 CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 1, 34
 FAN.CNT 7

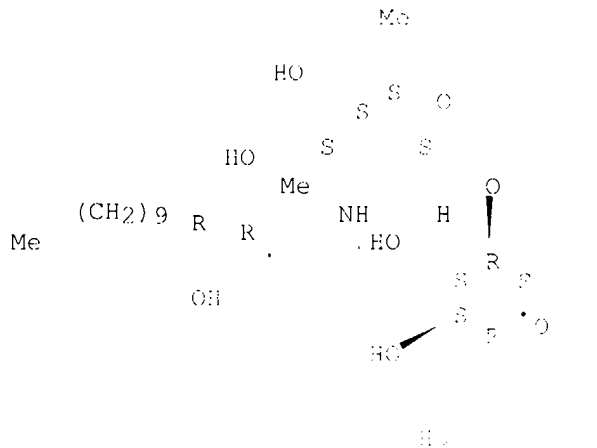
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	RW:				GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, ZW, AT, BE, BG, BR, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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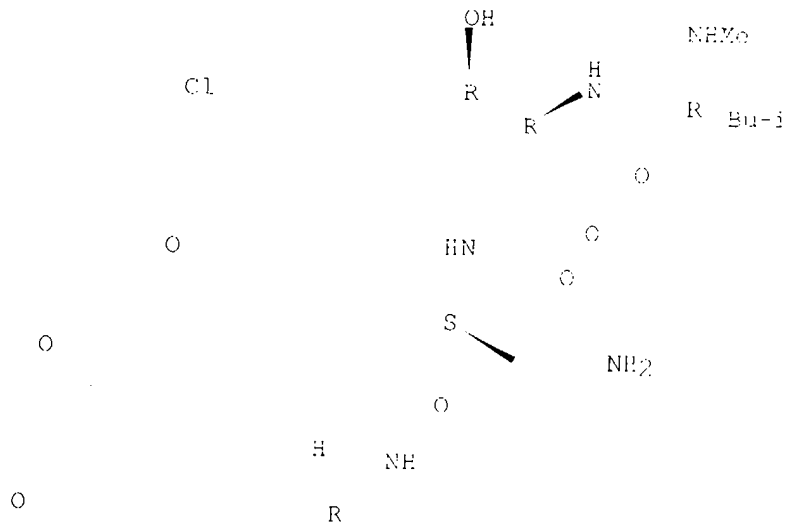
PRAI US 2000-213428P P 20000622 <--
 OS MARPAT 136:58854
 AB Disclosed are polyhydroxy derivs. of glycopeptides and pharmaceutical compns. contg. such glycopeptide derivs. The disclosed glycopeptide derivs. are useful as antibacterial agents. A dihydroxylate vancomycin deriv. was prepd. by the reaction of vancomycin hydrochloride with 2,3-bis(trimethylsiloxy)tridecanal (prepn. given). Antibacterial activity of the vancomycin derivs. was shown in vitro and in vivo. A suppository contained above vancomycin deriv. 550 mg, and Witepsol H-15 for the balance.
 ST polyhydroxy glycopeptide prepn antibacterial agent; pharmaceutical suppository antibacterial hydroxylate vancomycin prepn.
 IT Infection
 (bacterial; polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT Drug delivery systems
 (freeze-dried; polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT Drug delivery systems
 (injections; polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT Antibacterial agents
 Antibiotics
 Drug bioavailability
 (polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT Glycopeptides
 RI: PAC (Pharmacological activity); SPN (Synthetic preparation); TAU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT Drug delivery systems
 (suppositories; polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT Drug delivery systems
 (suspensions, oral; polyhydroxy glycopeptide derivs. useful as

antibacterial agents)
 IT Drug delivery systems
 (tablets; polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT **383172-93-8P 383172-94-9P 383172-95-0P**
 383172-96-1P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT 112-44-7, Undecylic aldehyde 1404-90-6, Vancomycin 2083-91-2
 5927-18-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT 22137-88-8P 383172-99-4P 383173-01-1P 383173-02-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 IT 12619-70-4, Cyclodextrin
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE
 (1) Advanced Medicine Inc; WO 0039156 A 2000 HCAPLUS
 (2) Univ Princeton; WO 0004044 A 2000 HCAPLUS
 IT **383172-93-8P 383172-94-9P 383172-95-0P**
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (polyhydroxy glycopeptide derivs. useful as antibacterial agents)
 RN 383172-93-8 HCAPLUS
 CN Vancomycin, N3'''-[(2R,3R)-2,3-dihydroxypropyl]- (2000) R 11 88 11

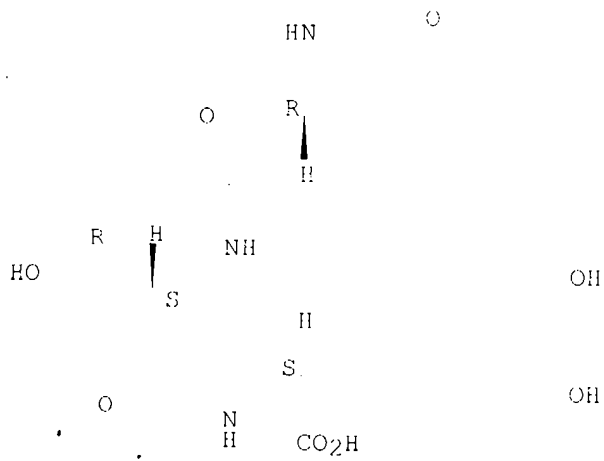
Absolute stereochemistry.

PAGE 1-A





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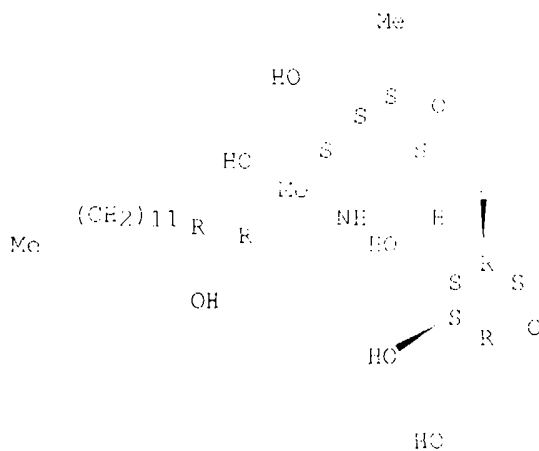


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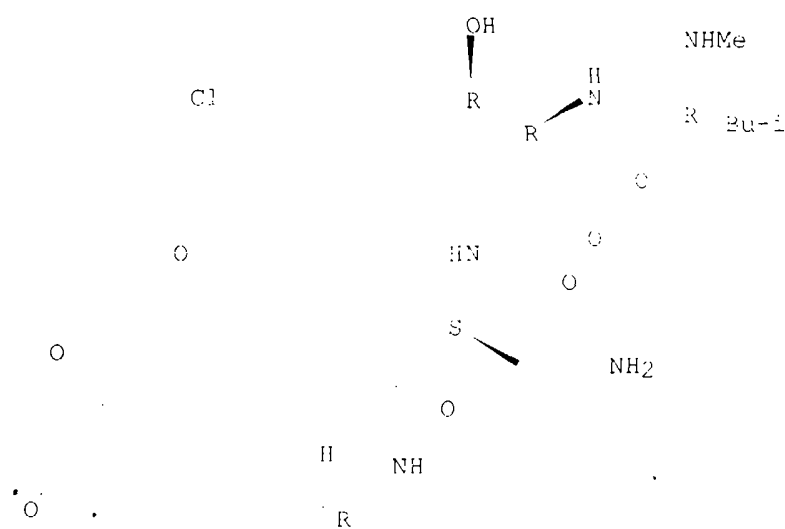
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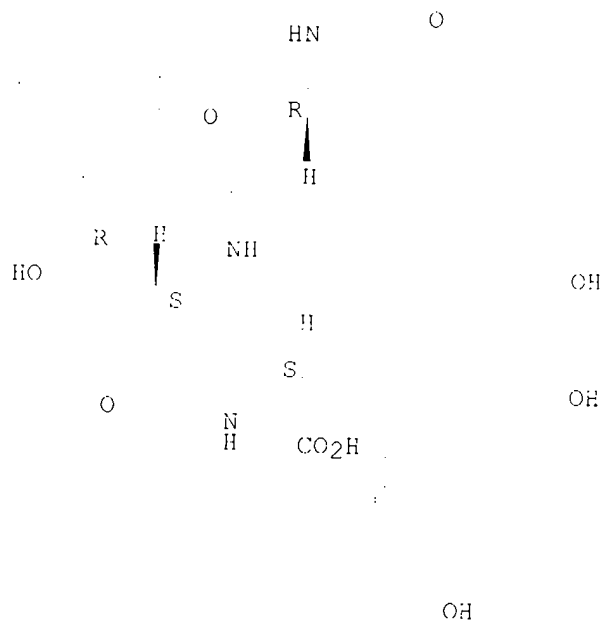
Absolute stereochemistry.

DATE 1-87



DATE 1-87

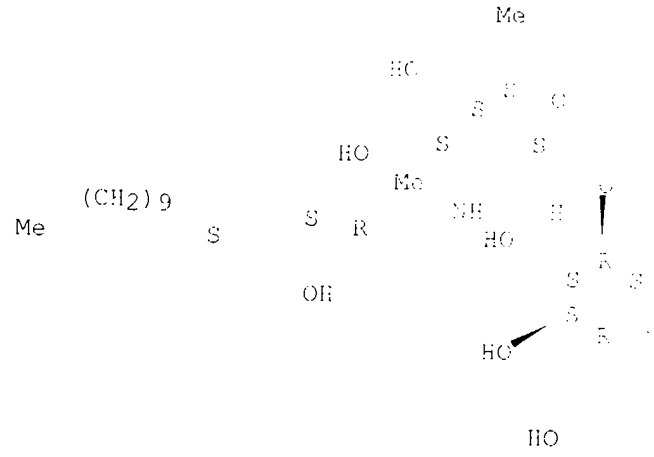




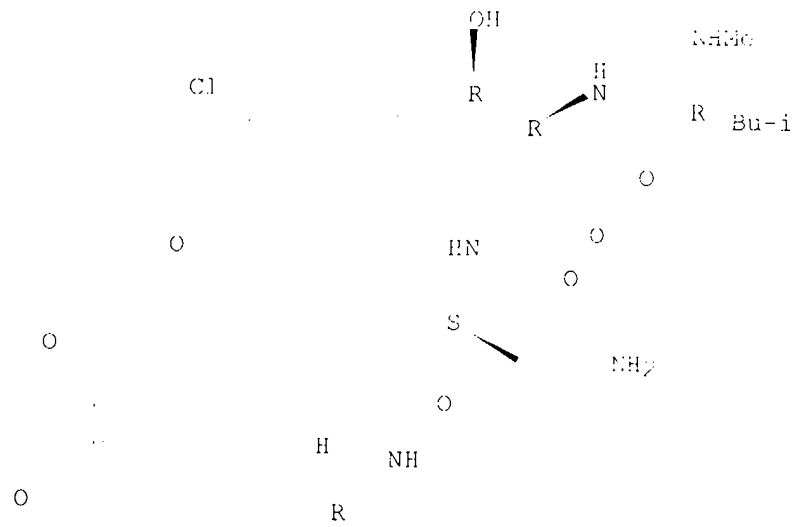
RN 383172-95-0 HCAPLUS
 CN Vancomycin, N3'''-[(2R,3R)-4-(decylthio)-2,3-dihydroxybutyl]- (9C1) (CA
 INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PAGE 1-C

